



A GLENSIDE PUBLICATION SINCE
1985

*OCTOBER
1993 ISSUE*

by Tony Podraza

For years, I have been so frustrated with the "deldir" command in OS-9 that I JUST HAD to find out why it wouldn't LIST the directory when you entered "L" at the prompt. I have spent HOURS trying to decipher the code for "deldir" in hopes that I could understand just WHY I couldn't see a listing of the directory when the author of deldir obviously wanted to confirm the directory and its contents before deleting the thing. I have "dumped" the command, "ded'ed" the command, "disassembled" the command, and "vi'ed" and "vu'ed" the command (these last two didn't work too well, don't try them...it ain't pretty). Anyway, the upshot is that I now have a working "deldir" command that will LIST the directory when you tell it to do so, and not give you the enraging blank space and "continue? y/n" line. How? Read the short article later on. This space is editorial...or something like that.

Glenside Color Computer Club

I think that a person that I wish I could have been able to meet and gotten to know on a personal level, Harry Chapin, would have said something like, "It's not WHAT you do, however much or little, it's that you DO IT, and that you do it with a dedicated attitude." Remember why you joined GLENSIDE, and then think about the other person and why they joined GLENSIDE. If you don't help them, who's going to help you? It's a circle. Don't break it.

See page two for submissions. Thanks.

NOTES FROM ALL OVER

Not all of you may be aware of this, but GLENSIDE receives the Australian OS-9 Newsletter, as well as the EUROS9 Newsletter. EUROS9 is in disk format. You can receive your own copy of the

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CoCo-1,2,3 information

The Glenside Color Computer Club of Illinois is a not-for-profit organization whose members share an interest in the Tandy Color Computer ®. The CoCo-1,2,3 is the official newsletter of the Glenside Color Computer Club. The Glenside Color Computer Club of Illinois has no affiliation with Radio Shack ® and/or the Tandy Corporation ®. The opinions expressed by the authors of articles contained within this newsletter do not necessarily reflect the opinions of the Editor, the Executive Officers or the actual Club membership. We are committed to publishing a minimum of four issues and a maximum of twelve issues per calendar year. For an annual fee of \$12.00 you can become a GCCC member with full membership privileges. Send your dues to:

GEORGE SCHNEEWEISS
RR #2 Box 67
Forrest, IL 61741-9629

Here is the list of 1992 Executive Officers and how to contact them. The club has four strong SIGS, Tandy Color Computer 1, 2, 3 and OS-9. If you have questions concerning these computers or OS-9 call one of the officers. Area code C=312, S=708, F=815.

POSITION	NAME	PHONE	PRIMARY FUNCTION
President	Tony Podraza	5428-3576	The buck stops here...
Vice-President	Carl Boii	C735-6087	Meeting Planning, etc.
Vice-President	Gene Brooks	5897-9023	"
Secretary	Howard Luckey	S747-0117	Records and
Reporting			
Treasurer	Geo Schneewless	F832-5571	Dues and
Purchasing			
Editor	David Barnes	S587-9820	Newsletter
coordinator			
VP Telecom	David Barnes	S587-9820	Club BBS SysOp
Printer	Dennis Devitt	S629-2016	Newsletter Exchange
Advertising	Bob Swoger	S576-8068	Newsletter Ads

CoCo-1,2,3 CONTRIBUTIONS

If you would like to contribute an article to the newsletter, upload a file to the Glenside CoCoRama BBS with an extension of 'NEWS'. If you have an AD for the newsletter UPLOAD a file with the extension of 'ADS'. If you have NEWS to POST about your group, please use the message base. These files are gathered by the BBS computer and downloaded to the Editor. If you need help contact the SYSOP by E-MAIL, mail, in person, or by phone:

DAVE BARNES
P.O. Box 281
LAKE VILLA, IL 60046

It is preferred that you call: VOICE 708/587-9820 or BBS 708/587-9837
On DELPHI - DAVIDBARNES On CIS - 73357,1324

Articles for the CoCo-1,2,3 will also be accepted on diskette in ASCII form and UNFORMATTED only in the following formats:

RS-DOS 5 1/4"-35 SSDD/DSDD 5 1/4"-40 SSDD/DSDD
OS-9 5 1/4"-35 SSDD/DSDD 5 1/4"-40 SSDD/DSDD 3.5"-SSDD/DSDD
MS-DOS 5 1/4"-40 SSDD/DSDD 3.5"-SSDD/DSDD 5 1/4"-1.2 Meg

Submission deadline for the CoCo-1,2,3 is the 20th of each month. Articles submitted after the deadline will appear in the next issue.

CoCo-1,2,3 NEWSLETTER EXCHANGE

The Glenside Color Computer Club of Illinois is pleased to exchange newsletters with other Color Computer user groups at no charge. Send your newsletter to:

DENNIS DEVITT
21 W 144 CANARY ROAD
LOMBARD, IL 60148

If you desire to reprint any articles that appear here, please provide credit to the author and this newsletter.

We encourage your user group to copy this newsletter and distribute it at your regular meetings to your members free of any charge as we believe that this will encourage better meeting attendance. If you are a user group that feels as we do, please let us know in your newsletter so that we might do this for our members and keep our attendance up.

GLENSIDE CLUB MEETINGS

The Glenside Color Computer Club meets on the second Thursday of each month, from 7:30 - 9:30 PM, at the Glendale Heights Public Library. Further info can be obtained from Tony Podraza at home 708-428-3576.

FUTURE MEETING DATES:

October 14
November 11

A social gee-together always occurs afterward at the Springdale Restaurant.

CONTRIBUTORS TO THIS ISSUE

• Tony Podraza • Brother Jeremy, CSJW
• Howard Luckey • Ken Scales
• Tom Kowalski • Colin McKay
• David Barnes & Harley

EDITOR:

David Barnes

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Glenside CoCoRama BBS
(708) 587-9837
9600 BAUD

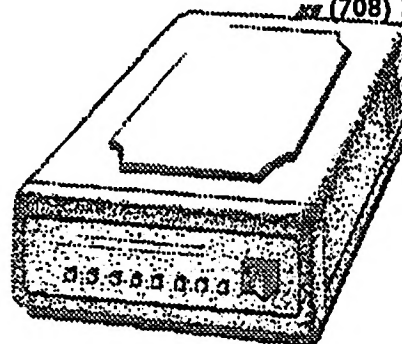
SandV BBS
(708) 352-0948

9600 BAUD

Glenside's Cup
of CoCo
2400 BAUD
(708) 428-0436

Chi-Coco BBS
(312) 735-3355

14,400 BAUD



From The President's Platen

Continued From Page 1

Australian Newsletter by writing to:

Gordon Bentzen
8 Odin Street
SUNNYBANK QLD 4109
Australia

The reorganized OS-9 UserGroup (US) has continued its effort with encouraging results. Contact them at:

The OS-9 Users Group, INC.
6158 W 63rd Street
Suite 109
Chicago, IL 60638

The World of 68' micros has sent its second issue, and The Noname Magazine has not only sent out its third issue, but also sent me the first issue (that I failed to pick up at the Chicago CoCoFEST!) based on a telephone request.

The OS-9 Underground is into its 9th issue and looking very good, indeed.

Rick's Computer Friends Disk Magazine continues to spin a growing following.

(Hehe, sorry 'bout the pun, Rick.....NOT! It was too bad to pass up.)

If you have a commodity to offer the community, send copy to Dave Barnes for inclusion in the newsletter...I can't type it all in. See Page two for details. OH! By the way, all of the product bulletins that you saw in last month's CoCo~123 were not advertisements. Sure, sure, it would be a way to keep the costs down, but I, and I hope the rest of the Board of Directors agree, feel that this a one of the major ways that GLENSIDE supports BOTH sides of the community. AND IF vendors can see their way clear to give a courtesy discount (their discretion, not our requirement), so much the better. Just say that you saw their bulletin in the CoCo~123 and mention that you are a GLENSIDE member, if you are. If you are not, be honest about it. Remember, though, that not all vendors can offer a courtesy, and GLENSIDE does not require it to include their bulletins in the newsletter...so don't be greedy! But it doesn't hurt to ask.

Annual dues will be going up to \$15.00 for 1994. Be advised! Part of this is due to the growing cost of postage, but the real kicker is that we no longer have the extremely low cost of duplication that was offered by our printer as he is now working in a different field. So we now have to pay cash money just like everybody else. Sooner or later, the old adage raises its

nasty head...there are no free lunches!!! So, send your renewals to George Schneeweiss. See page two. Seems to be a lot on Page two, eh? I hope you read the rest of the newsletter, too.

Does this section seem short this month? NAW!...Just thought I'd let you get on to the interesting things. Perhaps I'll see you at the Atlanta CoCoFEST on Oct. 2nd & 3rd, 1993. Perhaps not. In either case, I bid you peace.

August Meeting Review

By Howard Luckey

Meeting called to order at 7:42 PM. There were several announcements from the Chair: a welcome to all of those present, the latest newsletter was available and on page ten was an ad for the Atlanta Fest, Tony asked for help, to inventory what the club has and for packing it, to prepare for the club participation in the Fest, the club is again over two hundred in paid memberships, a report on club finances which are in good shape was accepted, and the Atlanta Club has become a member of our club.

The bylaws are being edited by Eddie Kuns and should be ready in the near future.

More about the newsletter: In preparation to pass out copies for the Fest, ten pages of ads (five sheets) were added as a service to vendors and to help attract new members. We no longer have the services of Dennis Devitt to help with the printing of the newsletter. This means our cost are going up, and all members were asked to check out printing prices and report back. Normally we have six double sided sheets which is about the maximum we want as far as postage is concerned. Later in the meeting we adjourned to fold newsletters, stuff them into envelopes, and label and seal the envelopes for mailing to the members not present. The whole job was done in fifteen to twenty minutes. Nice job everyone.

More about finances: As mentioned above our finances are in good shape, but because of an increase in expenses our dues will be going up to \$15.00 starting the first of next year.

News/Rumors: Bob Swoger announced getting the latest issue of The No Name Magazine. This is the magazine published by Mark Griffith and his wife Barbara for the CoCo/OS9/OSK communities and this is their third issue. Their plan is to offer four free issues to anyone who signed up for them in the hope of attracting enough subscriptions to continue publishing. They are now taking subscriptions at \$24.00 for twelve issues. If you are interested send a check to: The Dirt Cheap Computer Stuff Company, 1368 Old Highway 50 East, Union, Missouri 63804. Bob also reported on his annual trip to

August Meeting Review

Continued From Page 3

the big big big ham fest in Dayton, Ohio.

Gene Brooks told about the trouble he is having with the Burke & Burke 512 SCSI and software package. Hasn't got it to work yet.

Someone asked about memory prices, and someone else said it is about \$80 per MEG and prices are coming down.

It was announced that Carl was not present to pass out the Disk of the Month.

The club thanked Sheryl and Tom for the work they did to organize the picnic which turned out to be very nice. Because of the heat the volley ball game didn't start until after four. There was a suggestion that maybe next year we could have the picnic at a later date.

THE DEMO

Brian Schubring did a demo of UltimuseIII. His purpose was to show what the program can do and not to show how the program works since that has been done in the past by the author, Mike Knudsen. Brian likes play around with UltimuseIII and has the most fun trying to get the right sounds. He had a CoCo3 with a 6903 and Power Boost, a hi-fi tuner/amplifier, speakers, and Yamaha TG33 tone generator, very nice equipment. Brian said that he got a patch for the program so it will run under Power Boost and that the machine runs faster. He talked about having sixteen voices, MIDI events percussions tracks, and other stuff about playing music on the CoCo, but most important of all he played some of the music he has moused in. The best of all was "Beauty and the Beast." It sounded great. Thank you, Brian, for the demo.

The 'Rocket'

By Brother Jeremy, CSJW

A number of people on the list have asked recently about the status of The Rocket. For example:

I would like to know what's happening with the Rocket board.

Your project is very interesting for me. Can you tell me what are you doing for your product. (Sell or Not Sell ???)

For those not familiar with this topic, The Rocket is a circuit board with 68306 CPU, 2 SIMM sockets, a bus synchronizer, 32K byte on-board ROM, 6X09 CPU socket, mode switch, and a limited (no bus) I/O expansion connector. It plugs into the CoCo3 CPU socket. The mode switch selects whether the 6X09 or the 68306 is active.

On-board 68306 memory is 16 bits wide. The CPU runs at 14 MHz (16.7 MHz with fast memory). The entire 64K 6X09

address space is memory mapped into the 68306 address space; the 68306 can access the CoCo3's 2MB extended address space by manipulating the GIME in the same way as the 6X09 would. The on-board SIMM sockets allow 512K, 2MB, or 8MB of on-board memory. The 32K ROM contains a 6309 instruction set emulator, disk boot code, and a few exception vector routines.

The package includes a mix of Microware and Burke & Burkesoftware modules. From Microware: OS-9 kernel, IOMan, SCF, Pipe. From Burke & Burke: FBF (familiar block file manager), FWIN (familiar window manager), device drivers, processand disk utilities (e.g. procs, dir), a 68000 assembler, and a screen-based text editor.

Beginning in May, Burke & Burke offered to sell The Rocket at \$195, including OS-9 disk and boot ROM, but no memory; 2MB of memory was offered for an additional \$100. Both offers were valid only if 100 orders were received by 31 July, 1993. It is now nearly the end of August, and fewer than 100 orders were received.

Since May, the per-unit cost of the Microware OS-9 modules has essentially quadrupled over initial estimates; a license originally listing at \$50 per unit now lists at roughly \$170 per unit (for a run of 100 units). Burke & Burke was able to negotiate an arrangement which only doubles, rather than quadruples, license costs for The Rocket, but the arrangement changes the fundamental cost structure of The Rocket in two ways: 50% more software development required from Burke & Burke, and higher per-unit costs. Another blow: a recent semiconductor factory fire in Japan is driving up the price of SIMM memory, to the point where \$100 for 2MB will soon be below cost.

Please don't get the impression that there's a "villain" here all parties have shown a spirit of cooperation and have dealt honestly and fairly with one another. Even the best-laid plans can go astray, as these did.

Still, I'm close to wit's end over this. While Burke & Burke could return everybody's down payments and cancel orders, I really believe in The Rocket and would like to see the project completed. I believe it will bring a lot more software developers into the OS9-68000 market, and will provide a cost-effective migration path to OS9-68000 for Color Computer users. On the other hand, I can't invest the required time or capital in The Rocket without being able to show my family that I'm turning a profit.

Burke & Burke is open to suggestions from the community. Here are a few that have already been made:

1) Raise the zero-K price (say, from \$195 to \$249) and discontinue the 2MB model.

If only 15% of the existing orders cancel, there will still be

The 'Rocket'

Continued From Page 4

enough orders to go into production and ship by Christmas.

2) Cancel the project, return everybody's down payments, and release the design to either the public domain or another vendor.

3) Offer The Rocket, but only with 512K memory and no OS-9 software (say, for \$149). The design would be modified to allow the 6X09 to use the 68306 as an I/O co-processor, and would include a light weight real-time kernel for the 68306, software to download code from the 6X09 to the 68306, and inter-CPU communication routines. Comments welcome.

I hope that this status report answers your questions about current status of The Rocket. Please feel free to re-post it to your BBS or information service. If you reply to this post, please use private Email.

(Microware, OS-9, and OS-9/68000 are trademarks of Microware Systems Corporation)

Chris Burke Burke & Burke (COCOXT on Delphi, EMAIL please)

I thought that you might find this of interest. With all best wishes,

Brother Jeremy, CSJW

Northern Xposure

By Ken Scales & Colin McKay

Following is an introductory announcement regarding a new vendor who will be attending the Atlanta Fest on October 2 and 3. Regards... / Ken Scales

For those of you who may not have heard of Northern Xposure, here is a little background.

After the recent Chicago Fest, Alan DeKok and I remarked to each other that it would be nice to see some more Canadian vendors at the Fest. Thus Northern Xposure was born. We contacted a number of vendors, and asked them if they would be interested in letting us sell their wares at the Atlanta Fest. Most of the vendors we contacted jumped at the chance.

Primarily, we are selling goods from Canadian vendors, most of whom would not otherwise make it to a Fest.

The vendors whose goods we will be selling are:

Gale Force Enterprises

Wes Gale and others

NitROS9 - OS-9 for the Hitachi 6309, other Level II stuff

Canaware

Don Vaillancourt

ENC9 Free-Form Database for OS-9

HardSoft

Matt Thompson

SCSI System 2 (registered version)

Bob van der Poel Software

Bob van der Poel

Ved, VPrint, Cribbage etc.

In addition to carrying their products at the Fest, we are also distributing, by mail order, goods from the following vendors:

Intelligent Algorithms

Alan DeKok

Smash! OS-9 Arcade game, Rusty

Monarch Software

Colin McKay

CCStacks (OS-9 Hypercard-like thing),
some Stacks for it

Vulcan Alumni Software

Ken Scales

Freeware disk, mostly OSK stuff from Ken,
some other new stuff

Oblique Triad

No longer active. Contact us.

Studio Works, Those Darn Marbles,
Caladuril I & II, Overlord The Seventh Link,
Caladuril hint books. (DECB)

Radical Electronics, Inc.

Alan Bayko

Colour Schematic Designer (DECB)

There may also be a surprise or two at the Fest, depending on how things work out.

You may also contact Northern Xposure at:

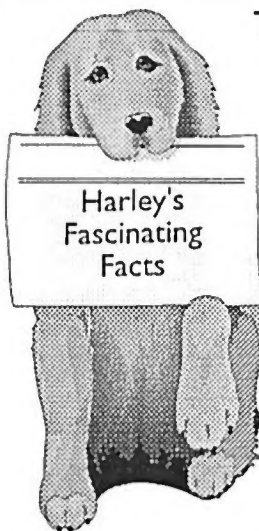
Northern Xposure

7 Greenboro Cres

Ottawa, ON Canada

K1T 1W6

(613)736-0329



Thumbs Up ~ Thumbs Down

Harley's Fascinating Facts

Today a "thumbs up" gesture is an expression of approval, courage, or stick-to-itiveness. But to a fourth-century B.C. gladiator it meant something more: literally, "Spare his life." "Thumbs down" was invariably terminal. Today it suggests disapproval.

The Egyptians' "thumbs up" signifies hope or victory and is a meaning closer to ours.

Roman historians in the time of Julius Caesar offered the first written explanation for the gestures. They observed that an infant often enters the world with its thumbs tucked within clenched fists. As the baby gradually responds to stimuli in its environment, the hands slowly unfold, releasing the thumbs upward. Ironically, at the time of death the hands often contract, enclosing the downturned thumbs. So to the Romans, "thumbs up" became an affirmation of life, "thumbs down" a signal for death.

IBM

Itty Bitty Machines · International Bowel Movement
 I bring manuals · I've Been Misled
 Ifs Buts Maybys · It's Better 'morrow
 Incompatible Blue Machines · Indigestion Bothers Me
 Intersmashable Byte manipulators · I Broke Mine
 Idiots Being Mental · I've Been Mauled
 Invented By Maladroits · Invented By Marketing
 Insulting Boorish Manner · Icons Bygones My Mom's
 I Breaks Monthly · Infinitely Baffling Motives
 I'm Buying Macintosh · It's Better Manually
 Incredibly Big Monster · Itty Bitty Mentality
 Incredible Bowel Movement · I've Been Mesmerized
 Insignificant Bothersome Machine · It's Broke Ma'am
 In Business (for) Money · International Bit Mangler
 Increasingly Banal Movement · Infernal Blue Machines
 Insultingly Boring Microcomputers
 Ill-mannered Besotten Macroasm
 Immeasurable Bigheaded Malapert
 Impersonal Bellicose Magnate
 Insolent Bickering Mal-der-mer
 Indecorous Big-named Medusoid
 Inept Bulling Menace
 Incredibly Bullying Menace
 Incredibly Boastful Mercenary Immovable Brash Monolith
 Inferior Before Macintosh · Ici Beaucoup Merde

I'm Beyond Mistakes · I've Been Mangled
 Inherently Bad Manuals · I'll Buy Macintosh
 It's Beyond Monolithic · Install Bigger Memory
 Infernal Biggest Mistake · Incredibly Broad Monopoly
 Intriguingly Blue Motif · Incredibly Bad Merchandising
 It's Bugging Me · Itty Bitty Mouse
 I Bring Madness · Incredibly Big Manufacturer
 Industry's Biggest Mistake · I Built Mine
 Inane Brutish Merchandising · Infinite Budget Merchandising
 It's BullShit Mommy · It's Become Monolithic
 Inadequates Becoming Millionaires
 I'd Be Misinforming · Idiots Became Managers
 Incredibly Boring Manuals
 Incredibly Belligerent Marketing Interesting But Mediocre
 Invented By Murphy · Insanely Better Marketing
 Illustrious Busy Mice · Itty Bity Maharishi
 It's Been Malfunctioning · It Broke Me
 Illustrious Bankruptcy Malenfactor
 Insensitivity Begets Mediocrity
 I've Become Magnanimous
 I Blame Mathematics · Idiots Built Me

Can you think of a few more??? If so, let us know so we can add to the list!!!

OS-9

USER'S GROUP

6158 WEST 63 STREET
 SUITE 109
 CHICAGO, ILLINOIS 60638

**ISN'T IT TIME YOU JOINED?
 WE'RE STILL GOING STRONG!!!**

FOR MORE INFORMATION PLEASE WRITE TO THE ABOVE ADDRESS.

Forking With OS-9

By Tony Podraza

As I had mentioned in this month's From the President's Platen, I have been greatly frustrated by the non-working option of "list directory?" from the OS9 "deldir" command. It seems to me that if the author of the command thought that it was important enough to include that option, then it should right well work when the system user calls upon it to perform its function. The fact that my version never did list the directory bugged me, and probably thousands of others, to no end. Being the "y-not" type of person, I set out to find the "why-not" (by the way, y-not is what my mother called me when I was being cantankerous and backwards, in my really early days. Think about it, she is as punny as I am.). The ident of the module under question is as follows:

Header for: Deldir
Module size: S027C #636
Module CRC: S16BD56 (Good)
Hdr parity: S56
Exec. off: S0014 #20
Data Size: S019A #410
Edition: S03 #3
Ty/La At/Rv: S11 S81
Prog mod, 6809 obj, re-en, R/O

Following the rules for safety (so I didn't lose my original deldir), I copied deldir to dldr and did all my experimentation on that module. Using both "disasm" and "ded", I found out that the "dir" command is called when "l" is input. However, for some reason, and the Gurus can tell us why later, the "dir" command is not properly forked by deldir. My knowledge of machine language is limited, at best, but I have always liked to play around with things just to see what would happen. This is what I saw in the deldir command:

```
Addr 0 1 2 3 4 5 6 7 8 9 A B C D E F 0 2 4 6 8 A C E
0000 87CD 027C 000D 1181 5600 1401 9A44 656C.M.|....V....Del
0010 6469 F203 8D3A 252A 8D77 240F 1700 Edir...%*.w$.n%
0020 2117 019F 251C 1702 1925 1796 0210 3F8F !...%....%....?
0030 251B9E00 103F 8725 14A6 8481 0D26D55F %....?%.&....&U_
0040 200B 3404 9602 103F 8F35 041A 0110 3F06 .4....?..5....?
0050 9F00 8603 103F 8425 0497 0220 2C9E 0086....?%... ,...
0060 8110 3F84 252A 9702 9E00 103F 104F 5CDD..?%*.....?..O\]
0070 46A6 A481 2F26 1286 0DA7 A086 039E 0010 F&$./&.....
0080 3F86 250C 109F 0020 DF30 C8E4 9F44 0F03 ?.%..._0Hd.D..
0090 3996 02C6 0030 4410 3F8D 250F 9E44 A69..F.0D.?%..D&
00A0 3384 8027 055F 1A01 2001 5F39 0A44 656C 3..'_..._9.Del
```

```
00B0 6574 696E 6720 6469 7265 6374 6F72 7920 eting directory
00C0 6669 6C65 2E20 0A4C 6973 7420 6469 7265 file..List dire
00D0 6374 6F72 792C 2064 656C 6574 6520 6469 ctory, delete di
00E0 7265 6374 6F72 792C 206F 7220 7175 6974 rectory, or quit
00F0 203F 2028 6C2F 642F 7129 200A 436F 6E74 ? (l/d/q) .Cont
```

```
Addr 0 1 2 3 4 5 6 7 8 9 A B C D E F 0 2 4 6 8 A C E
0100 696E 7565 3F20 2879 2F6E 2920 5D26 2F86 inue? (y/n) ]&/.
0110 0130 8C98 108E 004F 103F 8C25 218D 5A25.0.....O.?.%!.Z%
0120 1DD6 03C1 0126 035F 2014 8D19 2510 308C.V.A.&...%..0.
0130 CA10 8E00 1186 0110 3F8C 2502 8D3B 3944 J.....?%...;9D
0140 49520D4520344033C84A3440C602308C IRE4@3HJ4@F.0.
0150 F217 011C 9E00 DC46 5A17 0114 860D A7C0 r.....\FZ.....'@
0160 1F30 A3E4 1F02 3540 308C D486 115F 103F.0#d..5@0.T...?
0170 0335 4025 C910 3F04 3930 C84A 108E 0050.5@%!.?..90HJ...P
0180 8600 103F 8B25 31A6 8081 2027 FA88 5984...?%1&.. 'z.Y.
0190 DF27 1AA6 8288 4C84 DF27 0EA6 8488 4484 _'.&..L_'.&..D.
01A0 DF27 0220 0FC6 0120 06C6 0220 02C6 04D7 _'.F..F..F.W
01B0 035F 2004 C601 1A01 3944 454C 4449 520D._F...9DELDIR.
01C0 2E2E0DD603C505274796023440CE0040...V.E.'G..4@N.@
01D0 8E00 0010 3F88 3540 8D3B 252D 9E00 8603....?..5@;.%-....
01E0 103F 8625 2F10 9E48 5F86 1134 4033 C824.?%/_..H_..4@3HS
01F0 308CC6103F03 3540 251A 103F 0425 1530 0.F.?..5@%..?%..0
```

```
Addr 0 1 2 3 4 5 6 7 8 9 A B C D E F 0 2 4 6 8 A C E
0200 8CBE 8603 103F 8624 CFC1 D326 075F 2004.>...?..SOAS&.._
0210 C601 1A01 3996 0230 C824 108E 0020 103F F...9..0HS... ?
0220 8925 15A6 8427 EE10 3F10 A63F 847F A73F.%.&.'n.?.&?..'?'
0230 860DA7A44F5CDD4839415454520D202D.. 'SO\JH9ATTR.-
0240 640D344033C84A3440DC465A9E008D20 d.4@3HJ4@FZ...
0250 308CEBC6048D191F30A3E41F02354030 0.kF....0#d..5@0
0260 8CD7 5F86 1110 3F03 2503 103F 0435 4039.W_...?%...?..5@9
0270 5AA6 80A7 C05D 26F8 3916 BD56 Z&.'@] &x9.=V
```

If you look closely at the following lines, you will see where "DIR" is called by deldir.

```
0130 CA10 8E00 1186 0110 3F8C 2502 8D3B 3944 J.....?%...;9D
0140 49520D4520344033C84A3440C602308C IRE4@3HJ4@F.0.
```

I changed LSN 142, 143, & 143 from 0D, 45, & 20, respectively, to 20, 20, 0D, respectively, using DED. I then wrote the sector back to disk, verified the file and quit DED. Modpatch could also be used. modpatch (ENTER)

```
l deldir (ENTER)
c 142 0D 20 (ENTER)
c 143 45 20 (ENTER)
c 144 20 0D (ENTER)
```

Forking With OS-9

v (ENTER)

Continued From Page 8

I'm a little rusty on modpatch, so you might have to enter 0142, 0143, & 0144 for the bytes to patch, but after VERIFYING, the "list" function appears to work. Some may say that those who don't know what they're doing shouldn't play around with system modules like that, and with further testing I may find that my "deldir" fix will blow up the system....but for now, it works. Besides, what do I care what the experts say, and why hasn't somebody else fixed deldir before now? Why does an ignorant, bull-headed, loudmouth have to fix (he thinks) something that should never have been broken? Well, maybe somebody has, and I just haven't seen the patch file.

But like so many other things, it's the user who had to try to come up with the solution. And now that I think that I have, I pass it on to you. And THAT'S what GLENSIDE is all about.

A Letter From The White House

Dear Friends:

Part of our commitment to change is to keep the White House in step with today's changing technology. As we move ahead into the twenty-first century, we must have a government that can show the way and lead by example. Today, we are pleased to announce that for the first time in history, the White House will be connected to you via electronic mail. Electronic mail will bring the Presidency and this Administration closer and make it more accessible to the people.

The White House will be connected to the Internet as well as several on-line commercial vendors, thus making us more accessible and more in touch with people across this country. We will not be alone in this venture. Congress is also getting involved, and an exciting announcement regarding electronic mail is expected to come from the House of Representatives tomorrow.

Various government agencies also will be taking part in the near future. Americans Communicating Electronically is a project developed by several government agencies to coordinate and improve access to the nation's educational and information assets and resources. This will be done through interactive communications such as electronic mail, and brought to people who do not have ready access to a computer.

However, we must be realistic about the limitations and expectations of the White House electronic mail system. This experiment is the first-ever e-mail project done on such a large scale. As we work to reinvent government and streamline our processes, the e-mail project can help to put us on the leading edge of progress.

Initially, your e-mail message will be read and receipt immediately acknowledged. A careful count will be taken on the number received as well as the subject of each message. However, the White House is not yet capable of sending back a tailored response via electronic mail.

We are hoping this will happen by the end of the year. A number of response-based programs which allow technology to help us read your message more effectively, and, eventually respond to you electronically in a timely fashion will be tried out as well. These programs will change periodically as we experiment with the best way to handle electronic mail from the public. Since this has never been tried before, it is important to allow for some flexibility in the system in these first stages.

We welcome your suggestions.

This is an historic moment in the White House and we look forward to your participation and enthusiasm for this milestone event. We eagerly anticipate the day when electronic mail from the public is an integral and normal part of the White House communications system.

President Clinton Vice President Gore
PRESIDENT@WHITEHOUSE.GOV
VICE.PRESIDENT@WHITEHOUSE.GOV

*If you wish
to contribute
to the
CoCo~123,
please read
page two for
details!!!*

Introducing

#GS01-Pensave Graphic System

Disk includes:

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Pensave-Pixel drawing System
Coco Colorbook-Paint and edit
Plus Five Graphic Files

Req: 128k Coco III & Disk Drive
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October 1993

Glenside Color Computer Club

SUNDAY

MONDAY

TUESDAY

WEDNESDAY

THURSDAY

FRIDAY

SATURDAY

					1	2 4th Annual Atlanta CoCoFest
3 4th Annual Atlanta CoCoFest	4	5	6	7	8	9
10	11  Columbus Day (Ob- served)	12	13	14 Glenside Color Computer Club Meeting	15	16
17	18	19	20	21	22	23
24	25	26	27 Cook County Color Computer Club Meeting	28 OS-9 Users Group Meeting	29	30

31
 Daylight
Savings
Halloween

September

S	M	T	W	T	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30		

November

S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				

November 1993

Glenside Color Computer Club

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
	1	2 <i>Election Day</i>	3	4	5	6
7	8	9	10	11 Glenside Color Computer Club Meeting Veterans Day	12	13
14	15	16	17	18	19	20
21	22	23	24 Cook County Color Computer Club Meeting	25 OS-9 Users Group Meeting Thanksgiving	26	27
28	29	30				

October

S	M	T	W	T	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

December

S	M	T	W	T	F	S
				1	2	3
				4	5	6
				7	8	9
				10	11	12
				13	14	15
				16	17	18
				19	20	21
				22	23	24
				25	26	27
				28	29	30
				31		

Location:

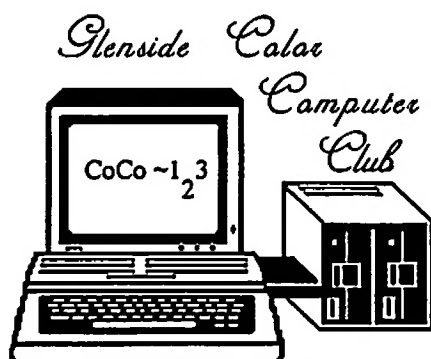
Glenside Public Library
25 W. Fullerton Avenue
Glendale Heights, IL. 60172

Directions:

Fullerton avenue is about 1 mile North of North Avenue (Route 64). The library is located West of Bloomindale Road in Glendale Heights. Bloomingdale Road is aproximately 2 miles West of Route 53 (or I-355).

Glenside Color Computer Club

Next Meeting Date...
October 14



119 ADOBE CIRCLE
CARPENTERSVILLE, IL. 60110

